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**TITLE OF INVENTION - SK PADS**

**SPECIFICATION**

0001. This invention consists of removable kneepads that attach to a wearer's pants in part via hook and loop fastening systems and a heat-sealed patch. A user heat seal the loop fastener section of the SK PADS onto the knee section of a pair of work pants. The section of the SK PADS with the padding and hook sections could then be placed on top of the pant and be held firmly in place providing comfort to the user's knees and legs while working.

**CROSS REFERENCE TO RELATED APPLICATIONS**

"NOT APPLICABLE"

**STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMNET**

"NOT APPLICABLE",

**RESEARCH TO SEQUENCE LISTING, A TABLE OR A COMPUTER PROGRAM LISTING COMPACT DISC APPENDIX**

"NOT APPLICABLE"

## **BACKGROUND OF THE INVENTION**

0002. This invention pertains to the construction industry. Knee pads are used in almost every aspect of the construction industry. It is necessary to wear kneepads so the knees can be protected when doing work that involves kneeling or crawling of any kind. The problem with knee pads that are currently on the market being that given the way that they are worn, they serve to interrupt blood circulation, place a strain on the nerves running through the lower legs and cause pain in the area.

## **BRIEF SUMMARY OF THE INVENTION**

0003. Prior use of conventional knee pads for long periods of time have caused pain and from personal experience have cut off blood circulation to the front and back sections of the legs. The invention of the SK PADS will revolutionize the kneepad industry in that the SK PADS will have no elastic bands, straps, strings or button straps to keep the kneepads in place. Consequently, the SK PADS are painless and will not cause blood circulation problems that one does experience with the old pads. Furthermore, the SK PADS were invented so that construction workers can work for extended periods of time prevented by other kneepads currently on the market.

## **BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE INVENTION**

0004. Figure 1A. This is a picture of the heat sealed ("iron on") patch that will be ironed onto a pair of work pants.
- Figure 1B. This is the loop section of the fastening system that will be sewn onto the heat sealed ("iron on") patch.
- Figure 1C. This is a picture of a pair of work pants showing the knee area placement of the heat sealed ("iron on") patch with loop section of the fastening system attached.
- Figure 1D. This is a picture of the front view of the detachable section of the foam kneepad system.
- Figure 1E. This is a side view of the detachable section of the foam kneepad system.
- Figure 1F. This is a picture of a back view of the detachable section of the foam kneepad system complete with the hooking section of the fastening system sewn into place.
- Figure 1G. This is a picture jointly showing the back, side, and front views of the detachable section of the knee pad system.
- Figure 1H. These are pictures of both the hook and loop sections of the fastening system shown alongside the kneepad system.

## **DETAILED DESCRIPTION OF THE INVENTION**

0005. The SK PADS are new kneepads that will enable construction workers who have jobs that entail kneeling or crawling to work longer without pain and medical problems that deal with the circulation of blood through the legs. Current kneepads are presently held in place over the knees by elastic bands, straps, strings, or button straps. Consequently, construction workers frequently must stop work in order to remove the kneepads and/or stretch their legs because the old kneepads cause problems to the area that elastic bands or fasteners are attached and throughout the lower legs.

0006. The SK PADS do not have elastic bands, straps, strings or button straps to hold them in place. This new kneepad comes in two parts. It has a foam pad that has a hook section of a hook and loop fastening system sewn onto the back of the pad. The other section of the section consists of the loop section of the hook and loop fastening system that on its reverse side is attached to a patch which may be heat sealed (ironed on) to an ordinary pair of work pants.

Accordingly, a construction or other worker can easily attach the pad section of the SK PAD system by placing matching the hook and loop fastening system together with light pressure, with removal requiring only a light pull on the pad section of the system. Additional novelty of the system lies with the fact that the SK PADS are held firmly in place no matter the height, weight or body shape of the person who uses them. Finally there is a significant benefit in that the pants can be regularly washed with little or no harm to the attached portion of the SK PAD system.

0007. The manufacturing of the SK PADS can be done with a nominal cost to the manufacturer and it could be sold to construction or other workers who would be able to buy them at a cost typically less than they are currently paying.